

USPTO Rec'd PCT/PTO 12 APR 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 442P101
INTERNATIONAL APPLICATION NO. PCT/JP2004/015245	INTERNATIONAL FILING DATE 15 October 2004	PRIORITY DATE CLAIMED 17 October 2003
TITLE OF INVENTION SUBSTITUTED 2-AMINO-[1,2,4]TRIAZOLO[1,5-a]PYRIMIDINE DERIVATIVE AND USE THEREOF		
APPLICANT(S) FOR DO/EO/US Hiroshi Kuramochi, Akira Masuda, Kazuhisa Shimizu, Eriko Toyoda, Kazuhiro Tokunaka		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/575527</b>	INTERNATIONAL APPLICATION NO. PCT/JP2004/015245	ATTORNEY'S DOCKET NUMBER 442P101
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## 20. Other items or information:

1. Copy of the International Search Report.
2. Copy of Form PCT/IB/304.

The following fees have been submitted		CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300		\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200		\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500		\$ 400.00	
<b>TOTAL OF 21, 22 and 23 =</b>		900.00	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
103 - 100 =	3 /50 =	1	x \$250
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$ 250.00	\$ 130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	74 - 20 =	54	x \$ 50
Independent claims	3 - 3 =	0	x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360	\$ 360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ 4,340.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		—	
<b>SUBTOTAL =</b>		\$ 4,340.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$ —	
<b>TOTAL NATIONAL FEE =</b>		\$ 4,340.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$ —	
<b>TOTAL FEES ENCLOSED =</b>		\$ 4,340.00	
		Amount to be refunded:	\$
		Amount to be charged	\$

10/575527  
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- a.  A check in the amount of \$ 4,340.00 to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0930. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO: CUSTOMER NO: 42754

Nields & Lemack  
176 E. Main Street - Suite 7  
Westboro, MA 01581



SIGNATURE

Kevin S. Lemack

NAME

32,579

REGISTRATION NUMBER

10/575527  
IAP15 Rec'd PCT/PTO 12 APR 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Hiroshi Kuramochi et al.  
Serial No. : Not yet assigned (PCT/JP2004/015245)  
Filed : Herewith by Express Mail (15 October 2004)  
For : SUBSTITUTED 2-AMINO-[1,2,4]TRIAZOLO[1,5-a]PYRIMIDINE DERIVATIVE AND USE THEREOF  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 442P101  
Type of paper : Letter

"EXPRESS MAIL" MAILING LABEL NO ED 596748944US  
DATE OF DEPOSIT: April 12, 2006

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Mail Stop: PCT, Alexandria, VA 22313-1450.

Ann Marie Mahan

Name of person mailing paper or fee

Ann Marie Mahan  
Signature of person mailing paper or fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Hiroshi Kuramochi, Akira Masuda, Kazuhisa Shimizu, Eriko Toyoda and Kazuhiro Tokunaka**

For: **SUBSTITUTED 2-AMINO-[1,2,4]TRIAZOLO[1,5,a]PYRIMIDINE DERIVATIVE AND USE THEREOF**

Commissioner for Patents  
P.O. Box 1450  
Mail Stop: PCT  
Alexandria, VA 22313-1450

Sir:

LETTER

The above-identified applicants enclose for filing the national phase of a PCT patent application **(PCT/JP2004/015245)** entitled **"SUBSTITUTED 2-AMINO-[1,2,4]TRIAZOLO[1,5,a]PYRIMIDINE DERIVATIVE AND USE THEREOF"**. Said attached PCT patent application includes (1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (3-Pages); (2) Translation of the International Application into English: 103-Page Specification (including 12-Pages of Claims (19) and 1-Page Abstract); (3) Check in the amount of \$4,340.00 in payment of the Filing Fee; (4) Copy of the International Search Report (4-Pages); and (5) Copy of the Notification Concerning Submission of Priority Documents (Form PCT/IB/304)(1-Page).

**The executed Declaration will be submitted in due course.**

All correspondence concerning this application should be mailed to: **CUSTOMER NO: 42754**

**Kevin S. Lemack  
Nields & Lemack  
176 E. Main Street - Suite 7  
Westboro, Massachusetts 01581**

Respectfully submitted,

  
**Kevin S. Lemack  
Attorney for Applicant  
Registration No. 32,579**

Date: April 12, 2005

**EXPRESS MAIL NO: ED 596748944 US**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Hiroshi Kuramochi et al.  
Serial No. : Not yet assigned (PCT/JP2004/015245)  
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DERIVATIVE AND USE THEREOF  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 442P101  
Type of paper : **Transmittal Letter to the United States Designated/Elected Office  
(DO/EO/US) Concerning a Filing Under 35 U.S.C. 371**

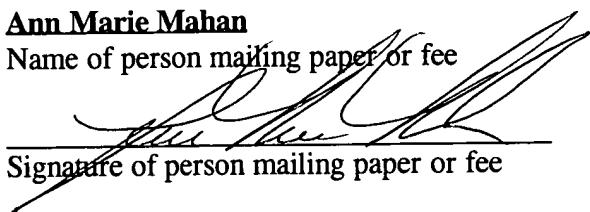
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Ann Marie Mahan

Name of person mailing paper or fee

  
Signature of person mailing paper or fee

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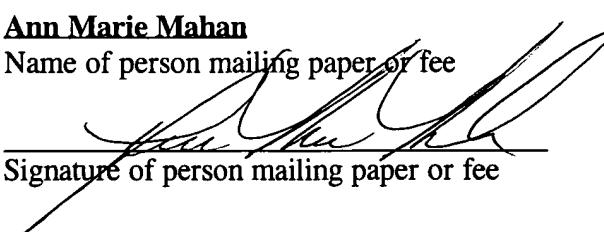
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 442P101  
Type of paper : **Copy of the Notification Concerning Submission or Transmittal of Priority Document (Form PCT/IB/304)**

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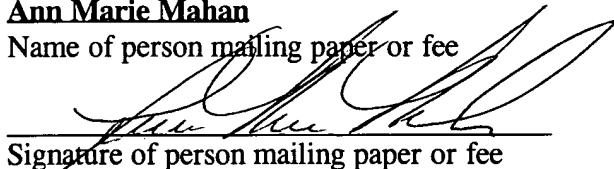
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Attorney  
Docket No. : 442P101  
  
Type of paper : **Filing Fee**

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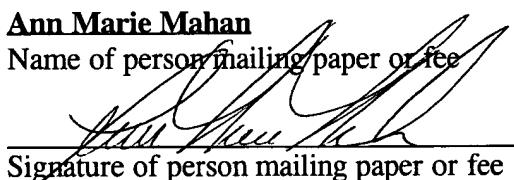
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 442P101  
Type of paper : **Copy of the International Search Report**

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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 442P101  
Type of paper : Translation of the International into English

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